IN THE CLAIMS:

Please cancel Claim 3 without prejudice or disclaimer of subject matter.

Please amend Claims 1, 9, 11 and 13 and add Claim 14 to read as follows.

1. (Currently Amended) A printhead comprising an element substrate having a printing element, a digital circuit and an analog circuit,

said digital circuit ~~including a printing element and drive means~~ being for selectively driving said printing element in accordance with input print data, and

said analog circuit including detection means for obtaining information,

wherein a value of a voltage for driving said digital circuit is different from a value of a voltage for driving said analog circuit, and

a voltage generation circuit for generating the voltage for driving said analog circuit by using a voltage applied to said printing element is arranged on said element substrate.

2. (Original) The printhead according to claim 1, further comprising a capacitor arranged outside said element substrate and having one terminal connected to the voltage for driving said analog circuit and the other terminal grounded.

Claim 3 (Cancelled).

4. (Original) The printhead according to claim 1, wherein said voltage generation circuit comprises a dividing resistor and a transistor.

5. (Original) The printhead according to claim 1, wherein said voltage generation circuit comprises a noninverting amplifier.

6. (Original) The printhead according to claim 1, wherein said digital circuit comprises a shift register for temporarily storing the print data and a latch for holding the data stored in said shift register.

7. (Original) The printhead according to claim 1, wherein said analog circuit comprises means for detecting an external temperature of said element substrate or means for monitoring a heater resistance value.

8. (Original) The printhead according to claim 1, wherein said printhead is an inkjet printhead which ejects ink to print.

9. (Currently Amended) The printhead according to claim 8, wherein said printing element comprises ~~a thermal energy~~ an electrothermal transducer for generating thermal energy to be applied to the ink so as to eject the ink using the thermal energy.

10. (Original) The printhead according to claim 9, wherein said detection means detects a temperature of said element substrate.

11. (Currently Amended) The printhead according to claim 9, wherein said digital circuit comprises a memory for storing at least one of pieces of information related to a resistance value of said electrothermal transducer, a resistance value upon ~~operation of said drive means~~ driving of said printing element, and a thickness of each layer of said element substrate.

12. (Original) The printhead according to claim 1, wherein the value of the voltage for driving said digital circuit is 3.3 V, and the value of the voltage for driving said analog circuit is 5 V.

13. (Currently Amended) A printing apparatus for printing using a printhead,

wherein said printhead comprises an element substrate having a printing element, a digital circuit and an analog circuit, said digital circuit ~~including a printing element and drive means~~ being for selectively driving said printing element in accordance with input print data, and said analog circuit including detection means for obtaining information,

a value of a voltage for driving said digital circuit is different from a value of a voltage for driving said analog circuit, and

a voltage generation circuit for generating the voltage for driving said analog circuit by using a voltage applied to said printing element is arranged on said element substrate.

14. (New) The printhead according to claim 1, wherein an output of said voltage generation circuit is connected to a capacitor.